

FIG. 2

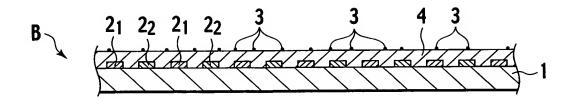
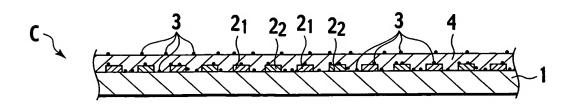
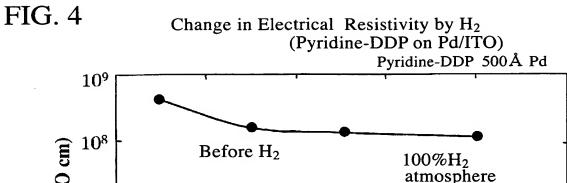


FIG. 3





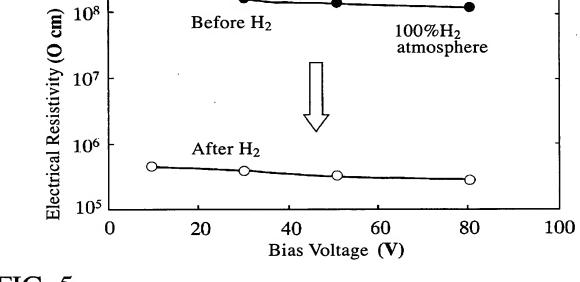


FIG. 5 Change in Electrical Resistivity by H<sub>2</sub> (Pyridine-DDP on Pt/ITO) Pyridine-DDP 500 Å Pt  $10^{10}$ Before H<sub>2</sub> Electrical Resistivity (O cm) 10<sup>9</sup> 100%H<sub>2</sub> atmosphere  $10^{8}$ After H<sub>2</sub>  $10^{7}$ 60 100 20 40 80 0 Bias Voltage (V)

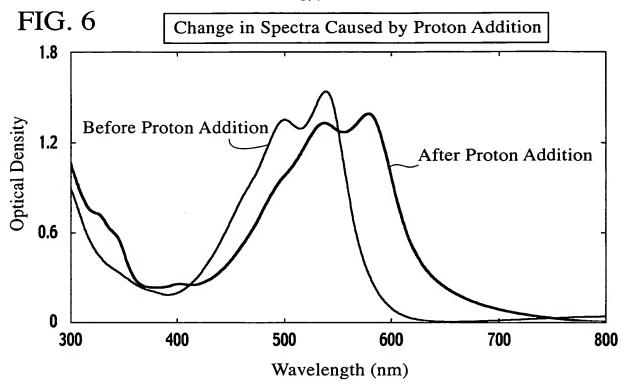


FIG. 7

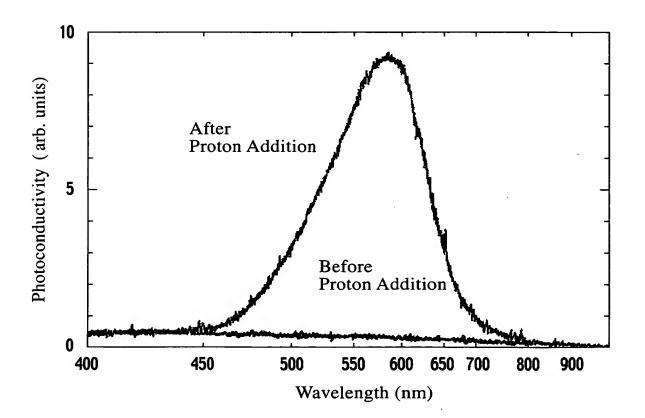


FIG. 8

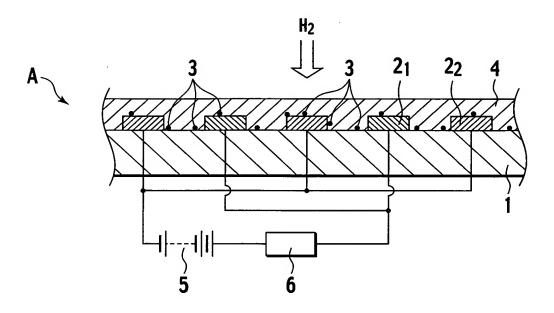
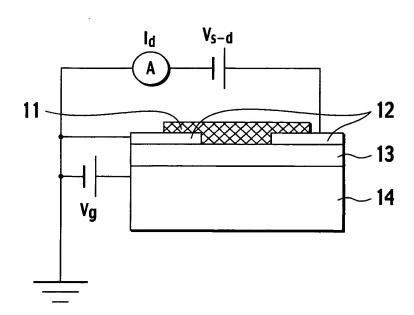


FIG. 9



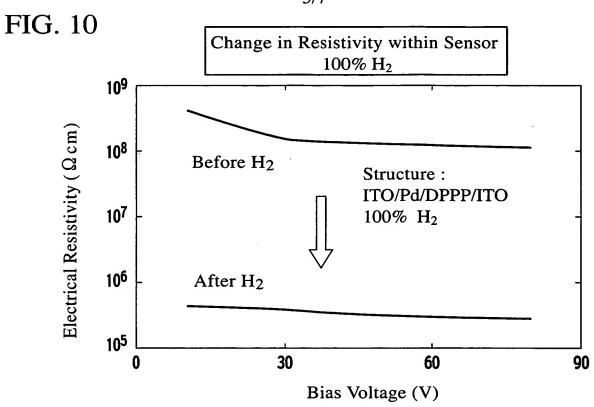
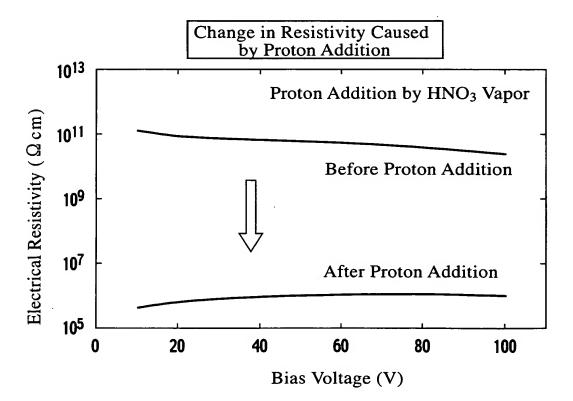


FIG. 11





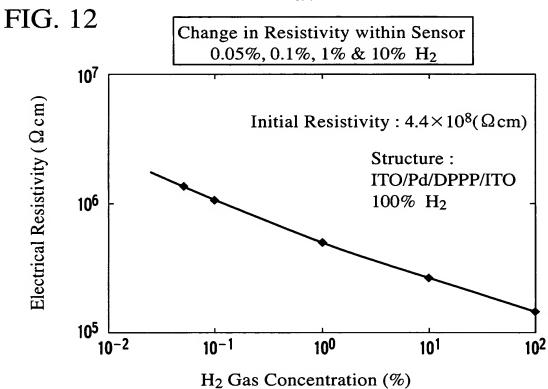


FIG. 13

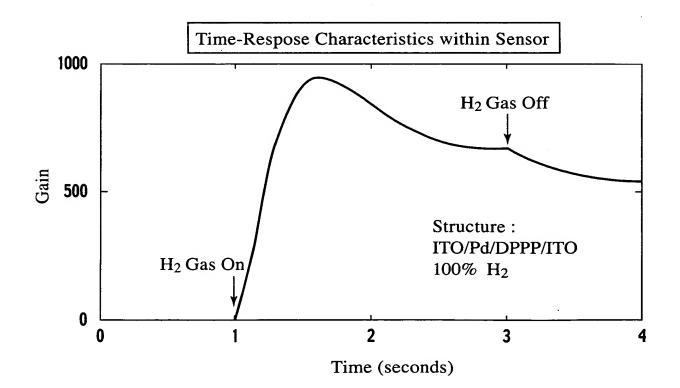


FIG. 14

